

3rd Generation Equipment

10 Feb 1965



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Becker/[] to DD/S&T sub: Computers (Hardware Replacements)

OCS study found with regard to hardware needs for next several years that

- 1) projected workload could not be handled on present equipmt.
- 2) Efficiency could be increased greatly by consolidating computer skills through integrated hardware and programming system
- 3) A hardware configuration needed which provides greater flexibility in the computer center as well as providing hardware backup.
- 4) The new third generation of hardware announced during past year by manufacturers offers technical advances in circuitry reliability, microminiaturization, processing speeds, multi-programming operation, software compatibility, and lower costs per unit of data processed.

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Flexibility in coupling ~~xxx~~ remote input-output devices to share multi-programmed processing unit is now attainable. This would apply to running the [] program from the Computer Center

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System considered most advantageous IBM 360 and conversion from present IBM [] systems would be gradual over next 2-3 years. Replacement of present equipment can be made with no increase of rental costs.

Briefing of DD/S&T, seeking support for plan (19 Feb 65).